:	12/13/2005 PE	9 FAX 415 576 0		- FEE(S) T	TRANSMITTAL		@002/003 ·
Ć	Complete and send to	his food, together wit				or Patents	
_	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	.8/		or <u>Fa</u>	_		
II ar in	ISTRUCTIONS: This for propriete. All Such ASS dicated unless corrected aintenance fee notification	me thould be used for tran Epondence including the local selow or directed otherwise	smitting the ISSUE Patent, advance ord- in Block 1, by (a)	FEB and PU lers and notific specifying a n	JBLICATION FEE (if requisation of maintenance fees when correspondence address;	ired). Blocks 1 through 5 s vill be mailed to the current and/or (b) indicating a sep	thould be exampleted where correspond since address as arate "FEB. ADDRESS" for
	CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		papers. Each additions	mailing can only be used fis certificate cannot be used at paper, such as an assignment of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formed drawing, mus
	TOWNSEND AN TWO EMBARCAN 8TH FLOOR SAN FRANCISCO		ND CREW LL	P/ 015114	Cer I hereby certify that the States Postal Service ve addressed to the Mai transmitted to the USP	rtificate of Mailing or Tran- nis Fec(s) Transmittal is bein with sufficient postage for fin I Stop ISSUE FHE address TO (371) 273-2885, on the	smission g deposited with the United st class mai in an envelope above, or being facsimile date indicated below.
9 /1 A	2005 CNGUYEN1 0000		Ľ		J. Matthew	Zigmant	(Depositor's same)
2/14/	COOL CURRENT COOL	003 E01430 I01/3/1	LD		J.m.	all pas	(Signature)
	1501 1400.00 8001 30.00				December 13	3, <i>20</i> 05/	(Date)
2 F <u>C:</u>	APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR ATTORNEY DOCKET NO.		<del></del>	
		ILLINGDALE	r.	irst named ii	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
TI	10/775,716 TLE OF INVENTION: D	02/09/2004 ETERMINISTIC OUTPUT	· 1	Balaji Nata		015114-071000US	: 838
TI		02/09/2004	· 1	Balaji Nata YZER			
 ב	TLE OF INVENTION: D  APPLN. TYPB  nonprovisional	02/09/2004 ETERMINISTIC OUTPUT  . SMALL ENTITY NO	RESPONSE ANAL ISSUB FEI \$1400	Balaji Nata LYZER	PUBLICATION FER	015114-071000US TOTAL FEE(S) DUB	: 838 DA1# DUE
	TLE OF INVENTION: D  APPLN. TYPB  nonprovisional  EXAM	02/09/2004 ETERMINISTIC OUTPUT . SMALL ENTITY NO	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT	Balaji Nata LYZER	PUBLICATION FEB \$0  CLASS-SUBCLASS	015114-071000US TOTAL FEE(S) DUB	: 838 DATR DUE
	TLE OF INVENTION: D  APPLN. TYPB  nomprovisional  EXAM  NGUYEN	02/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  IINER I, VINH P	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT	Balaji Nata LYZER E	PUBLICATION FEE \$0  CLASS-SUBCLASS 324-765000	015114-071000US  TOTAL FEE(S) DUB \$1400	2 838 DATR DUE 01/17/2006
[ [	APPLN. TYPB nonprovisional EXAM NGUYEN Change of correspondence R 1 J63).	02/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  LINER  J. VINH P  e address or indication of "Fe	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  ee Address" (37	Balaji Nata	PUBLICATION FEE \$0  CLASS-SUBCLASS 324-765000  ng on the patent front page, b	015114-071000US  TOTAL FEE(S) DUB \$1400  TOWNSE	DATE DUE 01/17/2006  ND AND TOWNSEND
[ [	APPLN. TYPB nonprovisional EXAM NGUYEN Change of correspondence R 1 J63).	02/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  IINER I, VINH P	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  ee Address" (37	Balaji Nata .YZER  E  2. For printin (i) the name or agents OR	PUBLICATION FEB  \$0  CLASS-SUBCLASS  324-765000  ag on the patent front page, his of up to 3 registered patent, alternatively,	TOTAL FEE(S) DUB \$1400  St TOWNSE at attorneys 1 AND CR	DATE DUE 01/17/2006  ND AND TOWNSEND EW LLP
[ [	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence  R 1 363).  Change of correspond  Address form PTO/SB/12	02/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  LINER  J. VINH P  e address or indication of "Fe	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  ec Address" (37  Correspondence	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered at 2 registered 7	PUBLICATION FEB  \$0  CLASS-SUBCLASS  324-765000  ag on the patent front page, his of up to 3 registered patent	TOTAL FEE(S) DUB \$1400  st TOWNSE at attorneys 1 AND CR a member a 2 J. MAT	DATE DUE 01/17/2006  ND AND TOWNSEND
	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence  R 1 363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicat  PTO/SB/47; Rev 03-02 (  Number is required.	02/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  IINER  I, VINH P  e address or indication of "Fe  lence address (or Change of 22) attached.	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  Example Address" (37  Correspondence  ation form  of a Customer	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered att 2 registered p listed, no nan	PUBLICATION FEB \$0  CLASS-SUBCLASS 324-765000  ag on the patent front page, his of up to 3 registered patent, alternatively, of a single firm (having as a tomey or agent) and the nampatent attorneys or agents. If ne will be printed.	TOTAL FEE(S) DUB \$1400  st TOWNSE at attorneys 1 AND CR a member a 2 J. MAT	DATE DUE 01/17/2006  ND AND TOWNSEND EW LLP
	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence  R 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicat  PTO/SB/47; Rev 03-02 of  Number is required.  ASSIGNEE NAME AND	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  HINER  I, VINH P  e address or indication of "Fe dence address (or Change of 22) attached. ion (or "Fee Address" Indication (or "Fee Address	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  Exact Address" (37  Correspondence  ation form  of a Customer  E PRINTED ON TH	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered at 2. registered p listed, no nan HE PATENT (p	PUBLICATION FEB \$0  CLASS-SUBCLASS 324-765000  ag on the patent front page, his of up to 3 registered patent, alternatively, of a single firm (having as a tomey or agent) and the nampatent attorneys or agents. If the will be printed.	TOTAL FEE(S) DUB \$1400  st TOWNSE at attorneys 1 AND CR a member a 2 J. MAT	DATE DUE 01/17/2006  ND AND TOWNSEND EW LLP THEW ZICMANT
	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence  R 1.363).  Change of correspond  Address form PTO/SB/12  "Fee Address" indicat  PTO/SB/47; Rev 03-02 of  Number is required.  ASSIGNEE NAME AND	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  HINER  I, VINH P  e address or indication of "Federics address or indication of "Federics address" Indication (or "Fee Address" Indication (	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  Exact Address" (37  Correspondence  ation form  e of a Customer  E PRINTED ON TI  slow, no assignee de of this form is NOT  (B)	Balaji Nata LYZER  2. For printin (1) the name or agents OR (2) the name registered att 2 registered p listed, no nan HE PATENT (p lata will appear a substitute for RESIDENCE:	PUBLICATION FEE  \$0  CLASS-SUBCLASS  324-765000  ag on the patent front page, his of up to 3 registered patent, alternatively, of a single firm (having as a tomey or agent) and the nampatent attorneys or agents. If me will be printed.  print or type)  r on the patent. If an assign r filing an assignment.	TOTAL FEE(S) DUB \$1400  St TOWNSE at attorneys 1 AND CR a member a 2 J. MAT ares of up to name is 3	DATE DUE 01/17/2006  ND AND TOWNSEND EW LLP THEW ZICMANT
	APPLN. TYPB  nonprovisional  EXAM  NGUYEN  Change of correspondence FR 1 363).  Change of correspond Address form PTO/SB/12  "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required.  ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  INNER  I, VINH P e address or indication of "Fe lence address (or Change of 22) attached. ion (or "Fee Address" indication (or "Fee Address"	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  Exact Address" (37  Correspondence  ation form  e of a Customer  E PRINTED ON TI  slow, no assignee de of this form is NOT  (B)	Balaji Nata LYZER  2. For printin (1) the name or agents OR (2) the name registered att 2 registered p listed, no nan HE PATENT (p lata will appear a substitute for	PUBLICATION FEE  \$0  CLASS-SUBCLASS  324-765000  ag on the patent front page, his of up to 3 registered patent, alternatively, of a single firm (having as a tomey or agent) and the nampatent attorneys or agents. If me will be printed.  print or type)  r on the patent. If an assign r filing an assignment.	TOTAL FEE(S) DUB \$1400  St TOWNSE at attorneys 1 AND CR a member a 2 J. MAT ares of up to name is 3	DATE DUE 01/17/2006  ND AND TOWNSEND EW LLP THEW ZICMANT
	APPLN. TYPB  nonprovisional  EXAM  NGUYEN  Change of correspondence R 1 363).  Change of correspond Address form PTO/SB/17  Fee Address" indicat PTO/SB/47; Rev 03-02 where is required.  ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN.	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  LINER  I, VINH P  e address or indication of "Federice address (or Change of 22) attached.  ion (or "Fee Address" indication (or "Fee Addres	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  ce Address" (37  Correspondence  ation form  to of a Customer  E PRINTED ON THe  contains a co	Balaji Nata LYZER  2. For printin (1) the name or agents OR (2) the name registered att 2 registered glisted, no nan HE PATENT (plata will appear a substitute for RESIDENCE: AN JOSE,	PUBLICATION FEB  \$0  CLASS-SUBCLASS  324-765000  ag on the patent front page, bins of up to 3 registered patent, alternatively,  of a single firm (having as a tomey or agent) and the nampatent attorneys or agents. If me will be printed.  print or type)  r on the patent. If an assign r filing an assignment.  (CITY and STATE OR COUCA	TOTAL FEE(S) DUB  \$1400  St TOWNSE  at attorneys 1 AND CR a member a 2 J. MAT 2 2 J. MAT 3 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATE DUE  01/17/2006  ND AND TOWNSEND  EW LLP  THEW ZI CMANT  document has been filed for
\[ \frac{1}{6} \]	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence R 1 363).  Change of correspond Address form PTO/SB/12  "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required.  ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN ALTERA CORPORA  ease check the appropriate	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  INFR I, VINH P  e address or indication of "Federace address (or Change of 22) attached. Use  RESIDENCE DATA TO B  an assignee is identified be a 37 CFR 3.11. Completion of EEE  ATION	RESPONSE ANAL  ISSUB FEI \$1400  ART UNIT 2829  ce Address" (37  Correspondence ation form e of a Customer  E PRINTED ON THelow, no assignee dof this form is NOT  (B)  SA	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered at 2 registered p listed, no nan HE PATENT (p lata will appear a substitute for RESIDENCE: AN JOSE,	PUBLICATION FEB  30  CLASS-SUBCLASS  324-765000  Ing on the patent front page, his of up to 3 registered patent, alternatively,  of a single firm (having as a torney or agent) and the nampatent attorneys or agents. If ne will be printed.  print or type)  To on the patent. If an assign refiling an assignment.  (CCITY and STATE OR COUCA	TOTAL FEE(S) DUB \$1400  St TOWNSE at attorneys 1 AND CR a member a 2 J. MAT ares of up to name is 3	DATE DUE  01/17/2006  ND AND TOWNSEND  EW LLP  THEW ZI CMANT  document has been filed for
	APPLN. TYPB  nonprovisional  EXAM  NGUYEN  Change of correspondence R 1 363).  Change of correspond Address form PTO/SB/17  Fee Address" indicat PTO/SB/47; Rev 03-02 where is required.  ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN.	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  INFR I, VINH P  e address or indication of "Federace address (or Change of 22) attached. Use  RESIDENCE DATA TO B  an assignee is identified be a 37 CFR 3.11. Completion of EEE  ATION	RESPONSE ANAL  ISSUB FEI \$1400  ART UNIT 2829  ce Address" (37  Correspondence ation form e of a Customer  E PRINTED ON THe clow, no assignee dof this form is NOT  (B)  Significant (B)  Significant (B)  Significant (B)  Significant (B)  Significant (B)  Significant (B)  Ab.	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered at 2 registered p listed, no nan HE PATENT (p lata will appear a substitute for RESIDENCE: AN JOSE, atted on the pate Payment of Fe	PUBLICATION FEB  30  CLASS-SUBCLASS  324-765000  Ing on the patent front page, his of up to 3 registered patent, alternatively,  of a single firm (having as a torney or agent) and the nampatent attorneys or agents. If ne will be printed.  print or type)  To on the patent. If an assign refiling an assignment.  (CCITY and STATE OR COUCA	TOTAL FEE(S) DUB \$1400  St TOWNSE Int attorneys 1 AND CR a member a 2 J. MAT no name is 3  Here is identified below, the of  UNTRY)	DATE DUE  01/17/2006  ND AND TOWNSEND  EW LLP  THEW ZI CMANT  document has been filed for
	APPLN. TYPB  nomprovisional  EXAM  NGUYEN  Change of correspondence R 1 363).  Change of correspondence R 1 363).  The Address form PTO/SB/12  "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required.  ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in  (A) NAME OF ASSIGN  ALTERA CORPORA  ease check the appropriate The following fee(s) are	O2/09/2004 ETERMINISTIC OUTPUT  SMALL ENTITY  NO  INFR I, VINH P  e address or indication of "Federace address (or Change of 22) attached. Use  RESIDENCE DATA TO B  an assignee is identified be a 37 CFR 3.11. Completion of EEE  ATION	RESPONSE ANAL  ISSUB FEI  \$1400  ART UNIT  2829  ce Address" (37  Correspondence  ation form c of a Customer  E PRINTED ON THe conduction in the conduction of this form is NOT  (B)  Series (will not be print  4b.	Balaji Nata .YZER  2. For printin (1) the name or agents OR (2) the name registered at 2 registered p listed, no nan HE PATENT (p lata will appear a substitute for RESIDENCE: AN JOSE, atted on the pate Payment of Fe	PUBLICATION FEB  30  CLASS-SUBCLASS  324-765000  Ing on the patent front page, his of up to 3 registered patent, alternatively,  of a single firm (having as a torney or agent) and the nampatent attorneys or agents. If me will be printed.  print or type)  or on the patent. If an assign refiling an assignment.  (CCITY and STATE OR COUCA	TOTAL FEE(S) DUB \$1400  St TOWNSE Int attorneys 1 AND CR a member a 2 J. MAT no name is 3  Here is identified below, the of  UNTRY)  orporation or other private grandlesed.	DATE DUE  01/17/2006  ND AND TOWNSEND  EW LLP  THEW ZI CMANT  document has been filed for

J. Matthew Zamant 44,005 Typed or printed name Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USP 10 to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USP 10. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, 1 D. Box 1450, Alexandria, Virginia 22313-1450.

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 07/05) Approved for use through 04/30/2007.

**Authorized Signature** 

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

December 13, 2005

□ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

Date

DEC 1 3 2005 18:

PTO/SB/97 (08-00)

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office

on December 13, 2005 Date

Signature

J. Matthew Zigmant

Typed or printed name of person signing Certificate

In re: application of: Balaji Natarajan et al.

Application Number: 10/775,716

Filed: 02/09/2004

Title: Deterministic Output Response Analyzer
Atty Docket Number: 015114-071000US JMZ/ssb

Being faxed to the USPTO, Mall Stop Issue Fee at facsimile number 1-571-273-2885 are the following documents:

- 1. This PTO/SB/97 Certificate of Transmission (1 page); and
- 2. PTOL-85 Part B Fee(s) Transmittal (1 page submitted in duplicate).

Number of pages being transmitted: 3

60657071 v1